ABSTRACT

A cable retractor assembly is capable of retracting a cable onto a rotatable reel. The rotatable reel being urged to rotate in a predetermined direction by a biasing force. A moveable actuator when located in a first position is capable of overcoming the biasing force that urges the cable to be wound onto the reel. When the moveable actuator is in a second position, the moveable actuator does not impede the biasing force. A user desiring a length of cable to be unreeled can move the actuator to the second position, extract the desired length of cable by pulling on the cable in excess of the biasing force, and then move the actuator into the first position thereby preventing the cable from being retracted. The cable having conductors that transmit signals from an electrical circuit coupled to a first end of the cable to a speaker located at a second end of the cable. The retractor assembly may be integrated into or detachably secured to a portable electronic device. The retractor assembly allows the user to easily adjust the length of cable between the speaker and the electronic device. A sensor within the cable retractor assembly can detect when the reel rotates or the cable is extracted and thereby signal a coupled communications device to pick up an incoming call. The cable retractor assembly further comprises a pick-up actuator when actuated signals a coupled communications device to pick up an incoming call. The cable retractor comprising terminals to allow a coupled communications device to communicate with other electronic devices without having to decouple the retractor from the communications ~~device~~